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Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE		e E	ATTY DOCKET NO. 110108.01			APPLICATION NO. Rule 53(b) Divisional of Application No. 09/904,875			
INF	ORMATI	ON DISCLOSURE STATEMENT				Application 140. 09/204,673			
(Use several sheets if necessary)			APPLICANT(S) Takamitsu ASANUMA et al.						
				FILING I April 22,		PRIO 3748	R GROUP		
		U.S.	PAT	ENT DOCU	MENTS				
EXAMINER INITIAL			DATE	NAME		CLASS	SUB CLASS		
TMN	1	5,100,632	03-	31-1992	DETTLING et al.				
	2	4,902,487	02-	20-1990	COOPER et al.				
	3	6,588,204	7/8	/2003	HIROTA et al.				
	4	6,568,178	5/2	7/2003	HIROTA et al.				
	5	5,100,632	3/1	992	DETTLING et al.				
	6	5,937,639	8/1	999	SASAKI et al.				
V	7	5,811,364	9/1	998	SUGA et al.	•			
		FOREIC	GN P.	ATENT DO	CUMENTS				
		DOCUMENT NUMBER		DATE	COUNTRY		CLASS	SUB CLASS	
TMN	8	JP 7-106290 B2	11-	15-1995	Japan				
1	9	JP 3012249 B2	12-	10-1999	Japan .			•	
	10	JP 2000-18026 A	01-	18-2000	Japan				
	11	JP 9-94434 A	04-	08-1997	Japan				
V	12	JP 6-159037 A	06-	07-1994	Japan	• • •			
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	INFOR	MATIC	ON DISCLOSURE STATEMENT			•	Appii	cauon No. V	9/904,873			
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U.S. PAT						April 22, 2004 3748 TENT DOCUMENTS						
EXAM INITI			DOCUMENT NUMBER		DATE	NAME		CLASS	SUB CLASS			
TM	IN	13	6,167,696	1/2	001	MAASEIDVAAG et al.						
		14	5,473,890	12/	1995	TAKESHIMA et al.						
		15	5,709,722	1/1	998	NAGAI et al.						
		16	2001/0035006	11/	2001	DOU et al.						
		17	2001/0052232	12/	2001	HOFFMANN et al.						
		18	2003/0115859	6/2	003	DEEBA ·						
`	1	19	09/979,643	11/	26/2001	NAKATANI et al.	•					
			FOREIC	GN P.	ATENT DO	CUMENTS		· · · · · · · · · · · · · · · · · · ·				
			DOCUMENT NUMBER		DATE	COUNTRY		CLASS	SUB CLASS			
1	MN	20	JP 6-272541 A	09-	27-1994	Japan			:			
	i	21	JP 11-300165 A	11-	-02-1999	Japan						
	+	22	59-30507	2/2	:5/84	JAPAN						
	1	23	WO 00/42302	7/2	:0/00	WIPO						
	V	24	EP 0 984 142 A1	8/3	/00	EUROPEAN	,					
			OTHER DOCUMENTS (In	cludi	ng Author,	Title, Date, Pertinent Pages, etc.)						
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			U.S.	PAT	ENT DOCU	MENTS				
EXAM INITI			DOCUMENT NUMBER		DATE	NAME			CLASS	SUB CLASS
Tor	N	25	5,850,735	12/	1998	ARAKI et al.				
4	M	26	5,974,791	11/	1999	HIROTA et al.				
			FOREIC	SN P	ATENT DO	CUMENTS		·	, 	
			DOCUMENT NUMBER		DATE	COUNTRY			CLASS	SUB CLASS
Ta	N	27	04031614 A	3/2	/92	JAPAN				
	t .	28	07180536 A	7/1	8/95	JAPAN				
		29	60-235620	11/	22/85	JAPAN				
		30	05354427 (abstract)	7/2	8/95	JAPAN				
		31	02070389 (abstract)	12/	3/91	JAPAN				
		32	55050255 (abstract)	11/	18/81	JAPAN .	_			
		33	03344731 (abstract)	7/2	0/93	JAPAN				
		34	5-98932	4/2	:0/93	JAPAN				
		35	61-28709	8/2	/86	JAPAN				
		36	58-137423	8/1	5/83	JAPAN		:		
		37	11-336534	12/	7/99	JAPAN				
		38	10-306717	11/	/17/98	JAPAN				
		39	10-220218	8/1	8/98	JAPAN				
		40	8-338229	12	/24/96	JAPAN				
	V	41	7-189656	7/2	8/95	JAPAN				
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EXAMINER INITIAL	,	DOCUMENT NUMBER	DATE		NAME	ΙE		CLASS	SUB CLASS		
TMN	42	6,293,096	9/2	001	KHAIR et al.						
TMN	43	6,314,722	11/	2001	MATROS et al.						
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		DOCUMENT NUMBER		DATE	COUNTR	Υ		CLASS	SUB CLASS		
TMN	44	7-119444	5/19	995	Japan (w/Abstract & En translation)	glish-					
	45	4-129829	4/1	992	Japan (w/Abstract only)						
	46	63-100218	5/1	988	Japan (w/Abstract only)	·					
	47	6-159037	6/19	994	Japan						
	48	6-200741	7/1	994	Japan						
V	49	6-117221	4/1	994	Japan						
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				FILING April 22		GROUP 3748				
		U.S. P	ATI	ENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME		CLASS	SUB CLASS		
TMN	A.	6,735,940	05/2	2004	Stroia et al.					
TMN	В	6,742,328	06/2	2004	Webb et al.					
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